

Title (en)

METHOD FOR PREPARING DIFFERENTIATED AVIAN CELLS AND GENES INVOLVED IN MAINTAINING PLURIPOTENCY

Title (de)

VERFAHREN ZUR HERSTELLUNG DIFFERENZIERTER VOGELZELLEN UND AN DER AUFRECHTERHALTUNG DER PLURIPOTENZ BETEILIGTER GENE

Title (fr)

PROCEDE DE PREPARATION DE CELLULES AVIAIRES DIFFERENCIEES ET GENES IMPLIQUES DANS LE MAINTIEN DE LA PLURIPOTENCE

Publication

EP 2007882 B1 20100901 (FR)

Application

EP 07727050 A 20070319

Priority

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Abstract (en)

[origin: FR2898908A1] Process for preparing differentiated avian cells from avian stem cells grown in a suitable culture medium, comprises induction of stem cell differentiation by inhibiting expression or activity of a gene expressed in the stem cells such as gene 1P06, Nanog and Eomes. Independent claims are included for: (1) a differentiated avian cells obtained by the process; (2) a process for preparing an antiviral vaccine, comprising contacting a virus with avian stem cells having undergone the process; (3) a nucleic acid molecule encoding an interferent RNA; (4) an expression vector comprising a nucleic acid molecule placed under the control of a promoter for the expression of the interferent RNA in a host cell; and (5) an avian stem cells transformed with an expression vector.

IPC 8 full level

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CPC (source: EP US)

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